



**INFORMATION DISCLOSURE  
STATEMENT**

**BY APPLICANT**

Docket: 245-61614

App: not yet  
assigned

Applicant: Chaplen et al.

Filed: December 17, 2001

Art Unit:

JAN 2 5 2002

**OTHER DOCUMENTS**

3710		Karlsson et al., "The melanophore aggregating response of isolated fish scales: a very rapid and sensitive diagnosis of whooping cough," <i>FEMS Microbiology Letters</i> <b>82</b> :169-176 (1991).
2610		Karlsson et al., "The Effect of Pertussis Toxin on Alpha-2-Adrenoceptor-Mediated Pigment Migration in Fish Melanophores," <i>Life Science</i> <b>37</b> :1043-1949 (1985).
1710		Karlsson et al., "Pronounced Supersensitivity of Postjunctional <i>Alpha</i> Adrenoceptors after Denervation of Fish Melanophores," <i>The Journal of Pharmacology and Experimental Therapeutics</i> <b>246</b> :345-351 (1988).
1710		Land, M.F., "The Physics and Biology of Animal Reflectors," <i>Dept. of Physiology, University of California, Berkeley</i> , pp. 75-105.
1710		Lu et al., "Single-Molecule Enzymatic Dynamics," <i>Science</i> <b>282</b> :1877-1881 (Dec. 1998).
1710		Maeno et al., "Adrenergic Mechanisms Associated with the Movement of Platelets and Iridophores from the Freshwater Goby, <i>Odontobutis Obscura</i> ," <i>Comp. Biochem. Physiol.</i> <b>102C</b> :233-237 (1992).
1710		Martensson, et al., "Denervation of Pigment Cells Lead to a Receptor that is Ultrasensitive to Melatonin and Noradrenaline," <i>Life Sciences</i> <b>18</b> :1575-1582 (1997).
1710		Oshima and Nagaisha, "Study of the Motile Mechanism in Neon Tetra ( <i>Paracheirodon innesi</i> ) Iridophores," <i>Comp. Biochem. Physiol.</i> <b>102A</b> :273-278 (1992).
1710		Potenza et al., "A Method for Evaluating the Effects of Ligands upon G <sub>s</sub> Protein-Coupled Receptors Using a Recombinant Melanophore-Based Bioassay," <i>Anal. Biochem.</i> <b>206</b> :315-322 (1992).

EXAMINER:

DATE

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

**INFORMATION DISCLOSURE  
STATEMENT**

**BY APPLICANT**

Docket: 245-61614

App: not yet  
assigned

Applicant: Chaplen et al.

Filed: December 17, 2001

Art Unit:

**OTHER DOCUMENTS**

1/5/02			"Axiom Biotechnologies Issued U.S. Patent on High Throughput Pharmacy System (HT-PS™)" Axiom Biotechnologies, Inc., 04/03/2000, <a href="http://www.axiombio.com/home.html">http://www.axiombio.com/home.html</a>
1/5/02			Clothier et al., "Light-induced colour changes by the iridophores of the Neon tetra, <i>Paracheirodon innesi</i> ," <i>J. Cell Sci.</i> <b>88</b> :663-668 (1987).
1/5/02			Danosky et al., "Biosensors based on the chromatic activities of living, naturally pigmented cells: digital image processing of the dynamics of fish melanophores," <i>Biosensors &amp; Bioelectronics</i> <b>12</b> :925-936 (1997).
1/5/02			Elwing et al., "Fish Scales as Biosensors for Catecholamines," <i>Biosensors &amp; Bioelectronics</i> <b>5</b> :449-459 (1990).
1/5/02			Fujii, R., "Coloration and Chromatophores" in <u>The Physiology of Fishes</u> , D.H. Evans, ed., (CRC Press, 1993).
1/5/02			Fujii et al, "Control of Chromatophore Movements in Teleost Fishes," <i>Zoological Science</i> <b>3</b> :13-47 (1986).
1/5/02			Fujii et al., "Cytophysiology of Fish Chromatophores," <i>International Review of Cytology</i> <b>143</b> :191-255 (1993).
1/5/02			Jayawickreme et al., "Creation and functional screening of a multi-use peptide library," <i>Proc. Natl. Acad. Sci. USA</i> <b>91</b> :1614-1618 (1994).
1/5/02			Jayawickreme et al. "Discovery and Structure-Function Analysis of $\alpha$ -Melanocyte-stimulating Hormone Antagonists," <i>J. Biological Chemistry</i> <b>269</b> :29846-29854 (1994).
EXAMINER:	1/5/02		DATE 5/14/03

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609;  
draw line through cite if not in conformance and not considered. Send copy.

**INFORMATION DISCLOSURE  
STATEMENT**

**BY APPLICANT**

Docket: 245-61614

App: not yet  
assigned

Applicant: Chaplen et al.

Filed: December 17, 2001

Art Unit:

**OTHER DOCUMENTS**

KTD			Quillan et al., "Combinatorial diffusion assay used to identify topically active melanocyte-stimulating hormone receptor antagonists," <i>Proc. Natl. Acad. Sci USA</i> <b>92</b> :2894-2898 (1995).
Ltm			Rohrlich, S.T., "Fine Structural Demonstration of Ordered Arrays of Cytoplasmic Filaments in Vertebrate Iridophores," <i>J. Cell Bio.</i> <b>62</b> :295-304 (1974).
HTD			Svensson et al., "Melanophores in Isolated Scales of <i>Labrus Berggylta</i> (Ascanius): Innervation and Alpha <sub>2</sub> -Adrenoceptor-Mediated Pigment Aggregation," <i>Comp. Biochem. Physiol.</i> <b>930</b> :247-251 (1988).
Ltm			Yamada et al., "Autoradiographic Demonstration of Adrenergic Innervation to Scale Melanophores of a Teleost Fish, <i>Oryzias latipes</i> ," <i>J. Exp. Zoology</i> <b>229</b> :73-80 (1984).

EXAMINER:

DATE

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.